

which, in turn, are protective of the body from further radioactivity, called hormesis, the phenomenon which they describe. We are not basing our limits here on the phenomenon of hormesis; however, it is in fact a well-documented scientific theory at this point.

In any event, the 100-millirem amount which we propose here is well within the natural variations. As I say, it is less than the change you would get just by moving to Colorado or to Wyoming. Believe me, there are no signs at the Denver airport—I was just there—that say, “Warning. Danger. You are now getting more than 100 millirems more than you would get in Washington, DC.”

Why is this so important? Because the question is, can you build a repository if you make these assumptions of drilling these drill holes down that they go down into the water table and then you have these minuscule amounts at 15 millirems? Then the assumptions you make make it unachievable. There are also other assumptions that would be very important; that is, where you assume the drill hole would be drilled. Is it through the mountain or is it where people would farm or how far away? But we do not deal with that question. But we do deal with that amount, which we believe makes this entirely safe and within the normal limits to which people are exposed.

I also point out, Mr. President, that the 100-millirem amount is the same amount which has been adopted by the Nuclear Regulatory Commission as the amount which you should limit nuclear plants to. The International Commission on Radiological Protection in 1990 recommended that the annual effective dose from practices be limited to no more than 100 millirems per year. The National Council on Radiation Protection on Measurements also adopted the 100-millirem limit. As I said, the U.S. Nuclear Regulatory Commission had 100 millirems. Indeed, the EPA in their Radiation Protection Guidance for Exposure of General Public in 1994 recommends an effective dose from all manmade sources to be no more than 100 millirems a year.

So, Mr. President, I believe it is entirely proper to set this level at that amount, and it is entirely necessary in order to get this facility built.

Mr. President, I remember when we first passed the Nuclear Waste Policy Act. At that time the act called for characterizing three different sites. Characterizing means determining the suitability of three different sites for selection of a final facility. The three sites at that time were in the State of Washington, in the State of Texas, and Yucca Mountain. The estimate of the cost of that characterization at that time was \$60 million per site, which seemed to me to be an extraordinarily expensive amount just to determine the suitability of the site.

In the ensuing years, Yucca Mountain was selected legislatively as the

site to use, but the cost of characterization kept going up. By 1984, I believe it was, the cost had risen to \$1.2 billion to characterize that site. The cost has now gone, according to the latest estimate, to \$6.3 billion to characterize the Yucca Mountain site. Over \$5 billion has been spent. I must tell you, Mr. President, that a great deal of that money has been really wasted. I mean, they have gone to such incredible lengths.

There is the desert tortoise. I care about the desert tortoise. It is a threatened species. But they have environmentalists that put radio collars and have satellites checking on where the desert tortoise is going, spending millions of dollars; people, especially dedicated environmentalists, working out there on the desert tortoise. You know, when you do that across the board, with some of the other heroic things they have done, it is just incredible. What we are saying, Mr. President, is we need to get on with the business of building this facility or making a decision on what we are going to do on the facility.

People have criticized the Department of Energy for waste in this facility. I believe, Mr. President, much of the blame for these escalating costs for this tremendous waste lies right here with the Congress.

We have not been willing to learn what this whole issue is about. We have been willing to accept any scare story that anybody says, and in the process keep putting it off year after year. For the editorials and some of the criticism to say we are rushing to judgment on this issue, when we have known the solutions for years and we keep putting it off because each year is somebody's election year—this year it is a Presidential election year. Last year, one of the Senators was up for reelection. It is that way every time.

Mr. President, we have reached a crisis situation, politically, on this issue. Now pending in the D.C. Court of Appeals is litigation which seeks to declare invalid the contracts underlying whole Nuclear Waste Policy Act, the 1-mill fee that is collected on nuclear plants in order to build these facilities, and it puts at risk—I think we have about a \$5 billion accumulated fund which would be at risk if the D.C. circuit is waiting to see what Congress does. Frankly, it is my guess that is exactly why they have been delaying this decision past what is their normal schedule of rendering decisions. If they are waiting for the Congress to act or to determine whether the Congress acts, and if we fail to act in Congress, then we may have a full-scale crises on our hands, because they may well declare the contracts to be invalid.

If they do that, then it is 76 sites around the country in 34 States and, in turn, we would see a real reaction from the people in 34 States that begin to realize they are being victimized as having a site for nuclear waste.

Mr. President, what we propose is a system that will work. Construction on

the interim facility would not begin until 1999. Construction on the permanent facility would not begin until considerably after that. We have high confidence Yucca Mountain will be considered suitable. If it is not, we need to determine that just as soon as possible and move on to another permanent facility.

Mr. President, what we propose in this legislation is reasonable. It is necessary. Believe me, Mr. President, it would be irresponsible to do otherwise. The problem is not going to go away. There are upwards of 40,000 metric tons of nuclear waste around the country today and additional nuclear waste is being generated each and every day. It is not a problem that goes away. It is not a problem that is being dealt with today. The interim storage facility would be much safer than keeping it on site. The permanent facility will be better still.

Mr. President, we need to get on with this process and pass this legislation. I hope the Congress will do the responsible thing, and I hope we will pass this legislation at the appropriate time.

I suggest the absence of a quorum.

The PRESIDING OFFICER. The clerk will call the roll.

The legislative clerk proceeded to call the roll.

Mr. JOHNSTON. Mr. President, I ask unanimous consent that the order for the quorum call be rescinded.

The PRESIDING OFFICER. Without objection, it is so ordered.

RECESS

The PRESIDING OFFICER. Under the previous order, the Senate will now stand in recess until the hour of 2:15 p.m.

Thereupon, the Senate, at 12:29 p.m., recessed until 2:14 p.m.; whereupon, the Senate reassembled when called to order by the Presiding Officer [Mr. COATS].

NUCLEAR WASTE POLICY ACT OF 1996—MOTION TO PROCEED

The Senate continued with the consideration of the motion to proceed.

The PRESIDING OFFICER. Who yields time?

Mr. CRAIG. Mr. President, over the course of the last good number of days, I believe the American public has grown increasingly aware of the fact that the Senate has been brought to a near halt by Senators who have made every effort to use the rules, as they are entitled to in the Senate, to not allow this Senate or this Congress to consider a very important piece of national policy. That policy rests on how we, as a country, will deal with the issue of nuclear waste.

Every other country in the world that uses nuclear energy to fuel its factories and light its lights has determined that a critical part of the whole of the use of nuclear energy is to adequately handle and manage the waste